INSTRUCTION BOOK

Memory Craft

Scan 'n Sew

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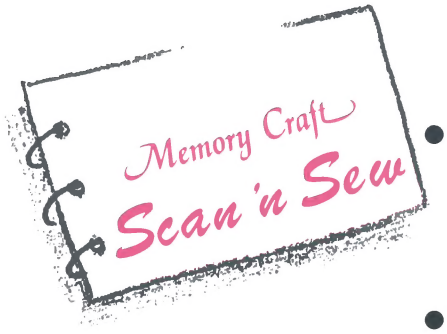
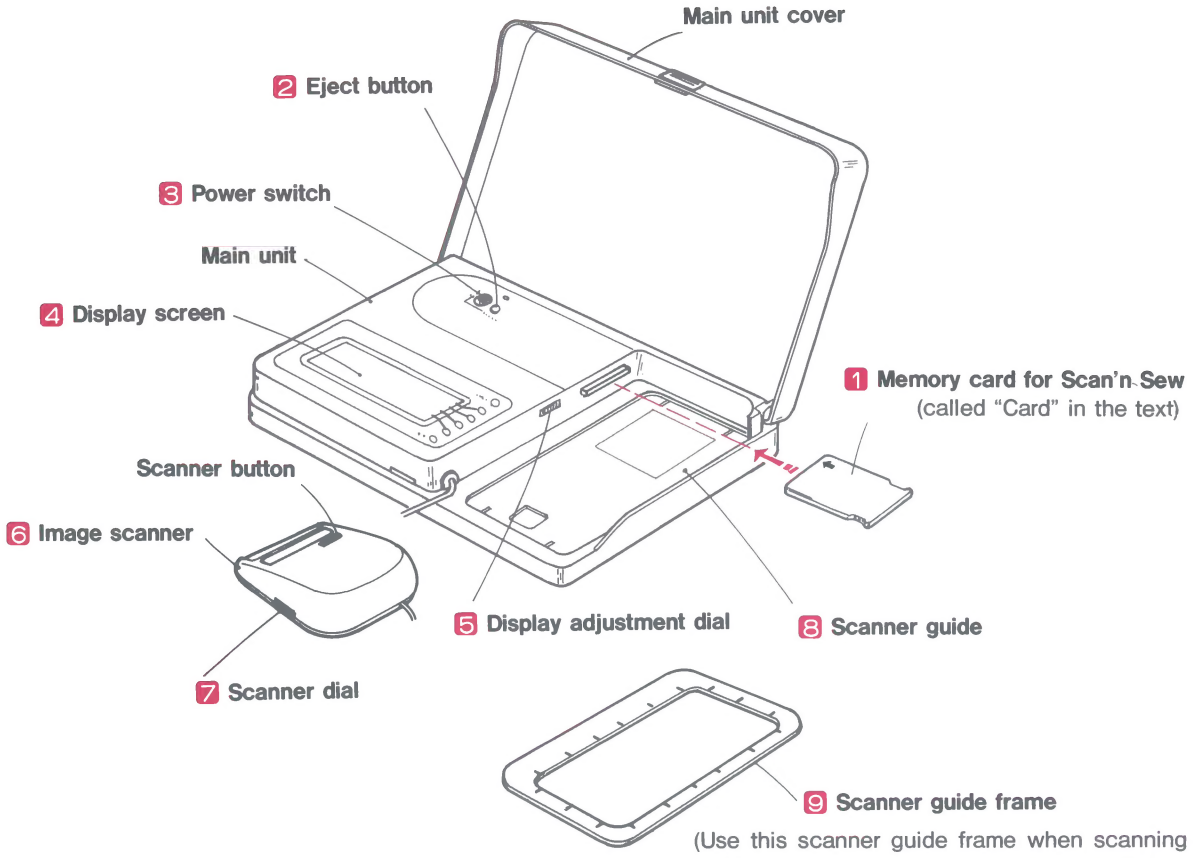
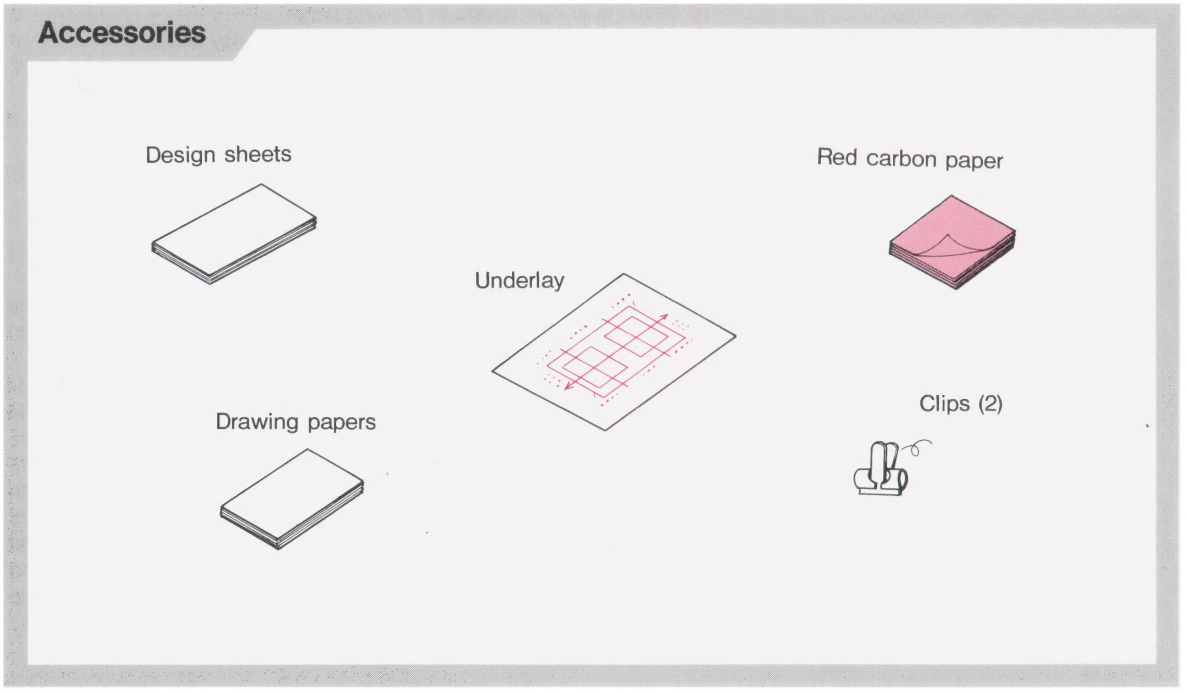


Name of parts


Main unit cover
2 Eject button
3 Power switch
Main unit
4 Display screen
1 Memory card for Scan'n Sew
(called "Card" in the text)
Scanner button
6 Image scanner
5 Display adjustment dial
8 Scanner guide
7 Scanner dial
9 Scanner guide frame
(Use this scanner guide frame when scanning an image drawn on paper too large to fit into the scanner guide on the main unit.)

Accessories

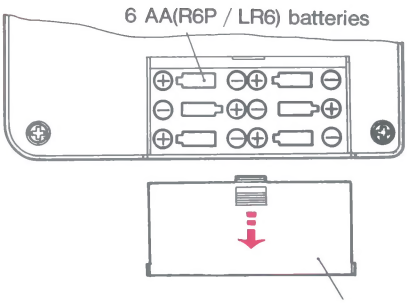


Usage and functions

Installing batteries

Remove the battery cover on the rear of the main unit. Insert 6 AA(R6P / LR6) batteries as indicated in the picture.

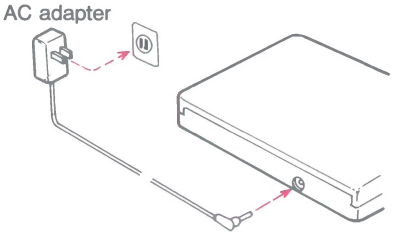
* Remove batteries when unit is not used for a extended period.
* Replace with the new batteries when the display screen indicates weak batteries.



To use the AC adapter (optional)

An AC adapter can be used instead of the batteries.
Use only the prescribed adapter.
(If another AC adapter is used, it may cause a malfunction.)

* Always turn the power switch off before connecting the adapter.

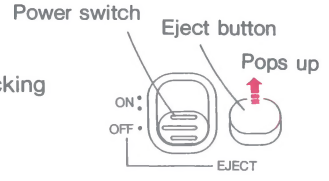


Please refer to the "Names of parts" on page 2 while read the following explanation.

1 Inserting Scan'n Sew memory card

Insert the card, arrow side up, into the card slot until it makes a clicking sound.
The eject button will pop up.

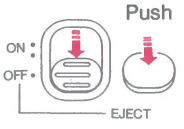
* You can only use prescribed cards for this "Scan'n Sew" machine. Use of other types of cards may cause a malfunction.



2 Removing Scan'n Sew memory card

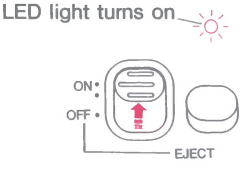
Turn the power switch off. After making sure the LED light goes out, press the eject button. The card will eject. Pull the card out by hand.

* The eject button will not function if the power is not turned off.



3 Power switch

Insert the card and then turn on the power switch.
(Move the switch up until LED lamp is lit.)
The power switch will not function without a card in the machine.



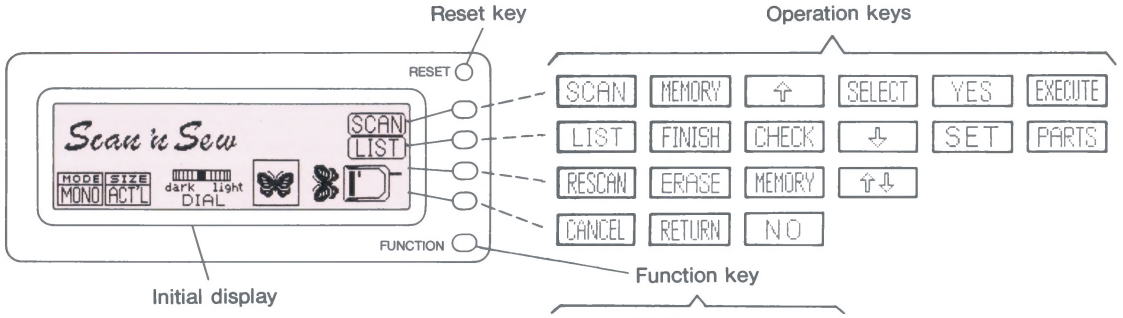
This screen appears when you turn the switch on

* Automatic turn-off function

If the unit is not used for about five minutes, the unit will turn off automatically to save electricity. If this happens, simply switch it on again.

4 Display screen

The Scan'n Sew is easy to operate because the display screen tells you what to do!



- Press once. MONO COLOR INV. ..... to select the different scanning modes.
- Press twice. SMALL ACT'L ..... to select design sizes.
- Press three times. 2 4 6 8 ..... to select the width of the satin-stitch.
- Press four times. 3 4 5 ..... to select the width of the weaving-stitch.

*If you don't select any functions, the display will be:

MONO ACT'L 6 4

Operation keys

- SCAN ..... Press to read a design sheet or a drawing with the image scanner.
- MEMORY ..... Press to memorize image scanned.
- SELECT ..... To select items shown on the screen.
- LIST ..... To view designs stored in the card.
- FINISH ..... For ending the image reading halfway.
- CHECK ..... To view the scanned image in enlarged form.
- ⇧ / ⇩ ..... Use to slowly scroll the enlarged image up or down.
- ⇧⇩ ..... For quickly moving the enlarged image to the top part or bottom.
- SET ..... When choosing colors.
- RESCAN ..... Press to rescan image.
- ERASE ..... Press to erase the memorized image stored in the card.
- YES / NO ..... Press to answer screen messages.
- CANCEL ..... Press to return to the initial display during operation.
- RETURN ..... Press to return to the previous screen.
- PARTS ..... Press to check the memorized color separations.
- EXECUTE ..... 1) To execute the message on the display.
  2) To erase a pattern when there is not enough memory space left in the card.

Function key (You can choose various embroidery methods.)

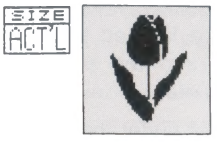
- **Selecting scanning modes**

For embroidery using one color of thread only.
The black part of the design sheet (drawing paper) will be sewn.
*See page 7 for how to select.

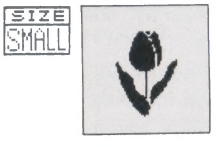
For embroidery using 2 to 4 different color changes.
*See page 9 for how to select.

To Invert (reverse) the pattern you wish to embroider.
The black part will be sewn.
*See page 11 for how to select.

- **Selecting the image size**



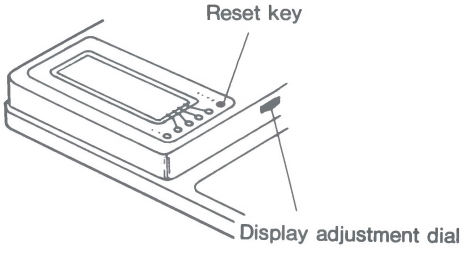
Embroidery will be the same size as the image on the design sheet (drawing paper).



Embroidery size will be reduced by 20%.
*See page 12 for how to select.

Reset key

If the keys don't respond or the screen is not working, press this key.
The screen will return to the initial display.
*All unmemorized data will be lost.



5 Display adjustment dial

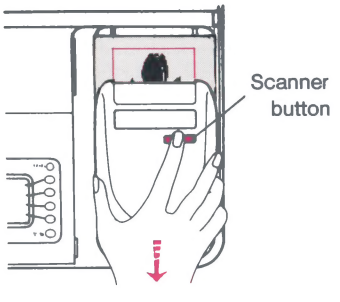
You can change the brightness of the screen with this dial.
Set to your liking.

6 Operation of the image scanner

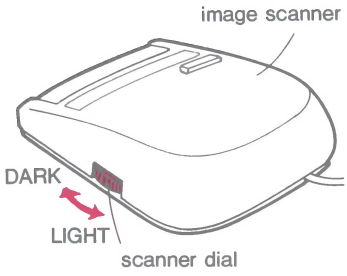
Lightly rest your hand on the image scanner.
While depressing the scanner button, slowly slide the scanner toward you.

- It is not necessary to press down on the image scanner itself.
- Pull the scanner in a straight line.
- One centimeter per second is a reasonable speed for sliding the scanner.

*If the scanning slot gets dirty, wipe it with a soft cloth.



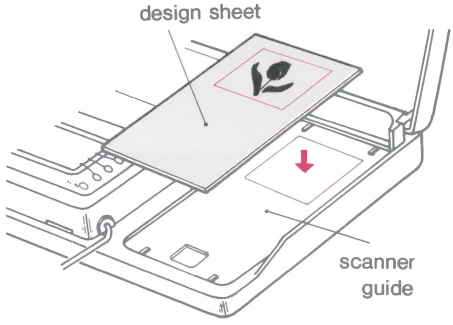
7 Scanner dial



The scanning varies depending on the thickness and color of the drawing paper. If the display is not clear, adjust it by turning the scanner dial and rescan.

* Positioning the dial at the center mark, works in most situations.

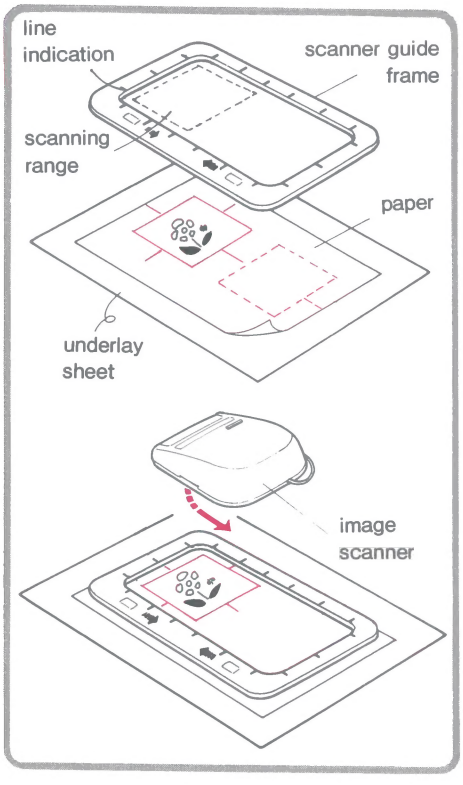
8 Securing design sheets or drawing paper



It is very useful to align the design sheet or the drawing paper with the scanning guide so that the paper doesn't bend or get out of position. Always use the scanner guide when in "Color" mode.

- Slide the scanner toward you.
- The square on the scanner guide shows where the scanning takes place.

9 Using the scanner guide frame with the underlay sheet



The scanner guide frame is used to scan images on paper too large to fit into the scanning guide (or images from magazines, etc.).

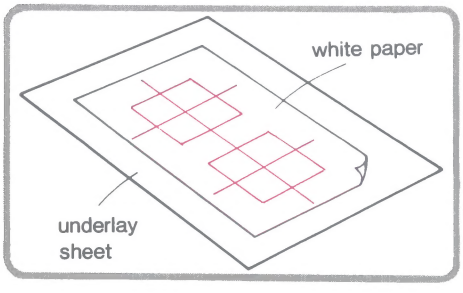
① Set the underlay sheet under the paper from which the image is to be scanned.

* If you use the underlay sheet, it is easier to scan. If the paper is thin, the centering lines and the scanning range on the underlay sheet can be seen through for easy positioning.

② Set the scanner guide frame so that the original image is within the indication lines (scanning range).

③ Starting at the top, slide the scanner down the scanner guide frame.

* Please see page 5 for instructions on how to operate the scanner.



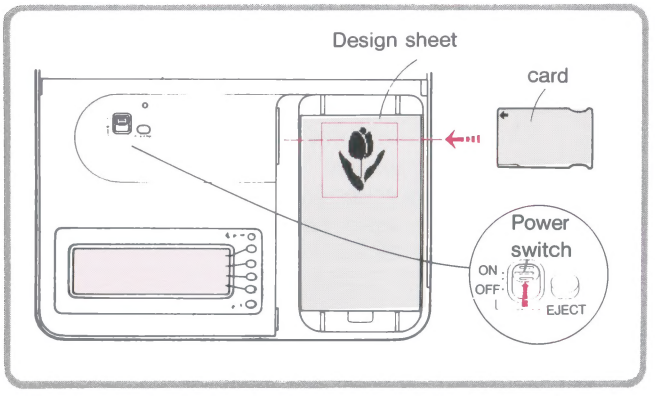
In addition to the above usage, the underlay sheet can be used in making your own drawing papers.

- Set the paper on the underlay sheet.
  Trace the standard line, the standard point and the scanning range of the underlay sheet, using a red ball-point pen.

* When you use your own original drawing, cut the paper along the "size of drawing paper" line on the underlay sheet.

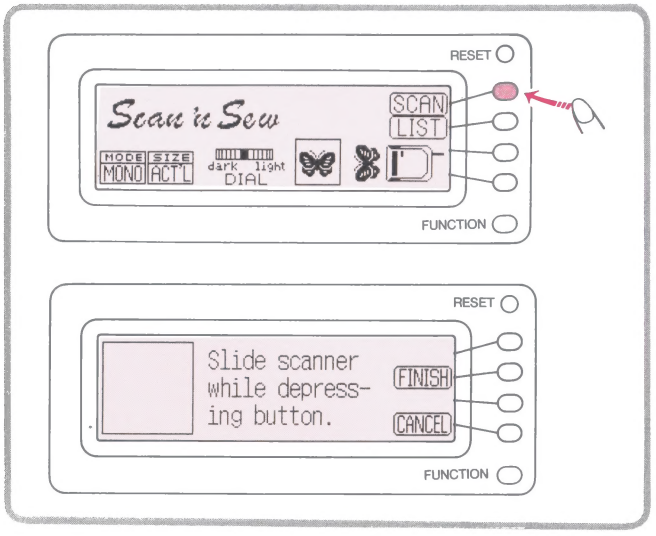
Saving the image

Selecting "Monochrome" mode (embroidery in single color)

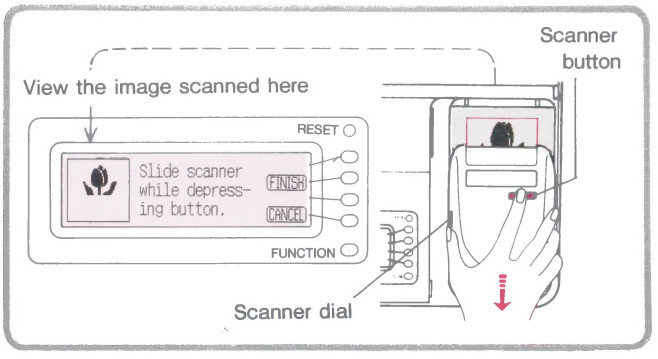


① Place the design sheet on the scanner guide.
② Insert the card, arrow side up, until the button clicks.
③ Turn on the power switch.

*If the card is not inserted correctly, the power cannot be turned on.

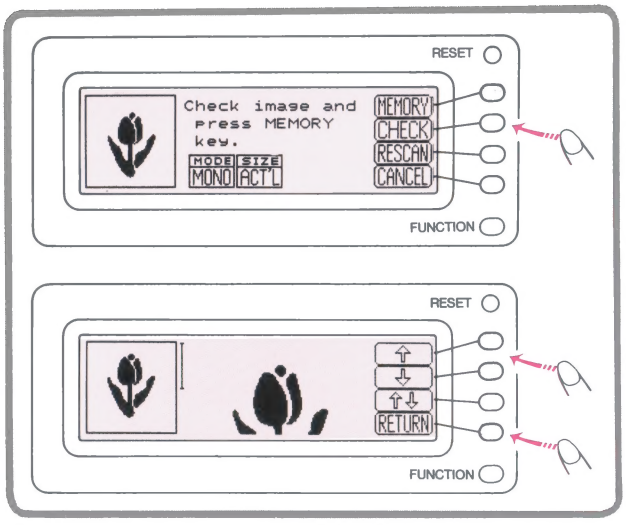


④ Press the SCAN key.
*If you don't start scanning within one minute after pressing the key, the screen will go back to the original display.

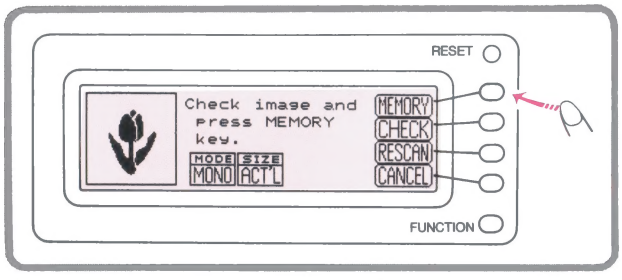


⑤ Start scanning.
*Slowly slide the scanner on the design sheet while pressing the scanner button until you hear a beep.
*When you can't get an accurate image on the display screen, adjust it by turning the scanner dial.

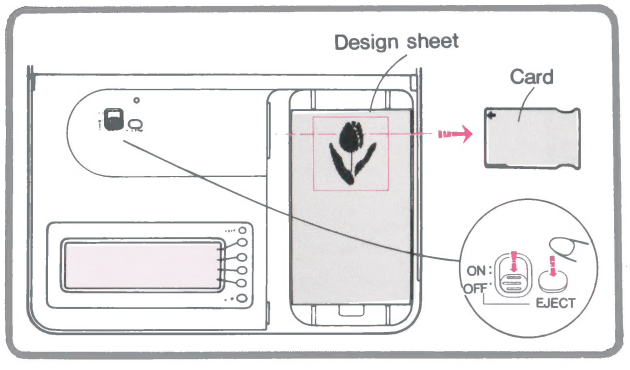
*If the design sheet gets out of position and is difficult to read, temporarily attach it to the scanner guide using cellophane adhesive tape (use only the upper 2mm of the design sheet).



* By pressing the CHECK key, you can view an enlarged form of the scanned image.
* By pressing "↑" "↓" keys, you can scroll up or down the enlarged images.
* By pressing "↑ ↓" key, the enlarged display can be moved to the top or bottom rapidly.
* After checking the scanned image, press the RETURN key to return to the previous screen.
* When you want to scan the same image again, press the RESCAN key and start from ⑤.

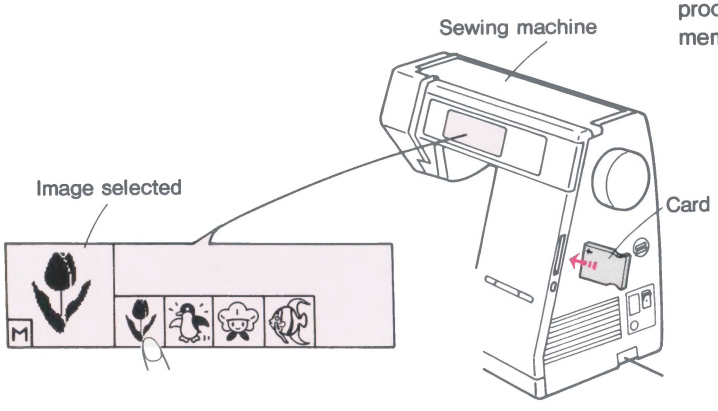


⑥ Press the MEMORY key.



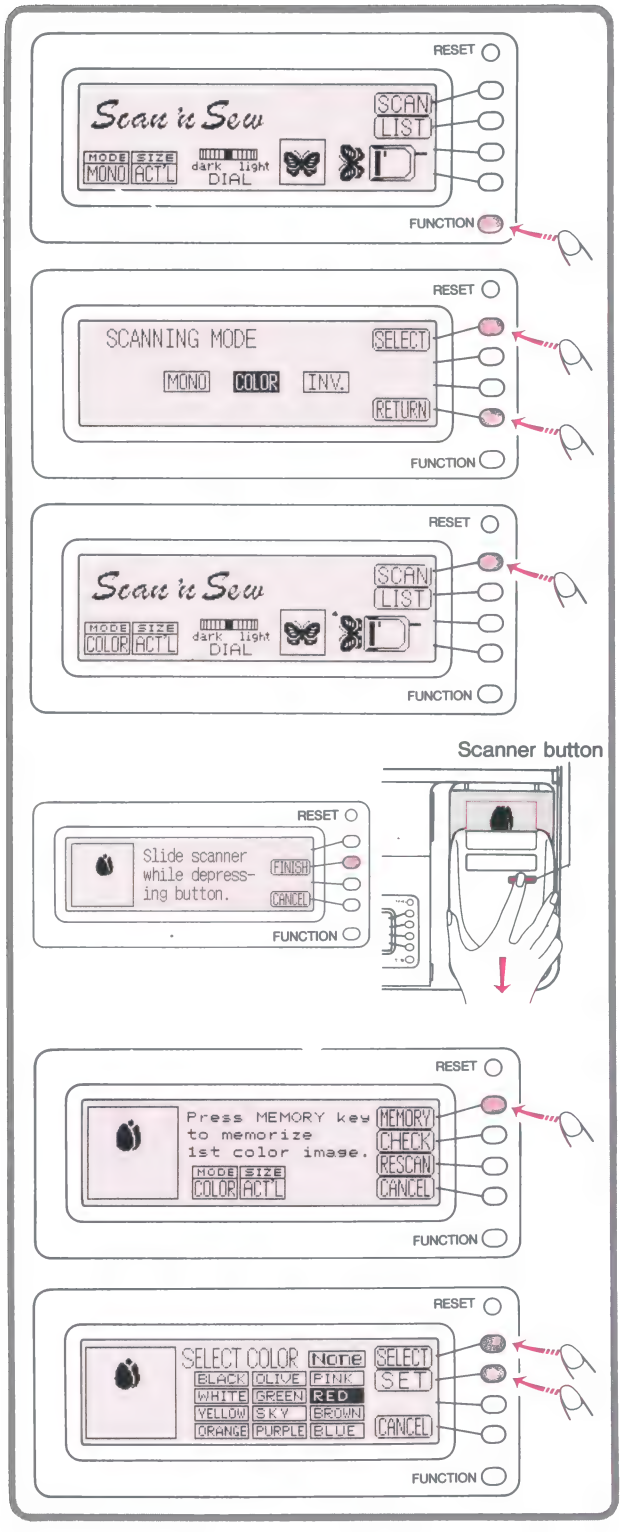
⑦ Turn off the power switch.
⑧ Press the eject button and remove the card.
⑨ The design is now stored in the card.

⑩ Insert the card into the Memory Craft 8000. Embroider the design using the same procedures as in the case of ordinary memory cards.



* Please see the Memory Craft 8000 instruction book for details.
* We recommend that you use fusible interfacing and the optional circular embroidery frame for best results.

Selecting “Color” mode (embroidery using more than one color)



Prepare a design sheet for each color.

① Place the first design sheet so that the first color image ① can be scanned.
② Insert the card and turn on the power switch.

③ Press the FUNCTION key.

④ Press the SELECT key to rotate scanning mode. “COLOR” will appear in dark blue.

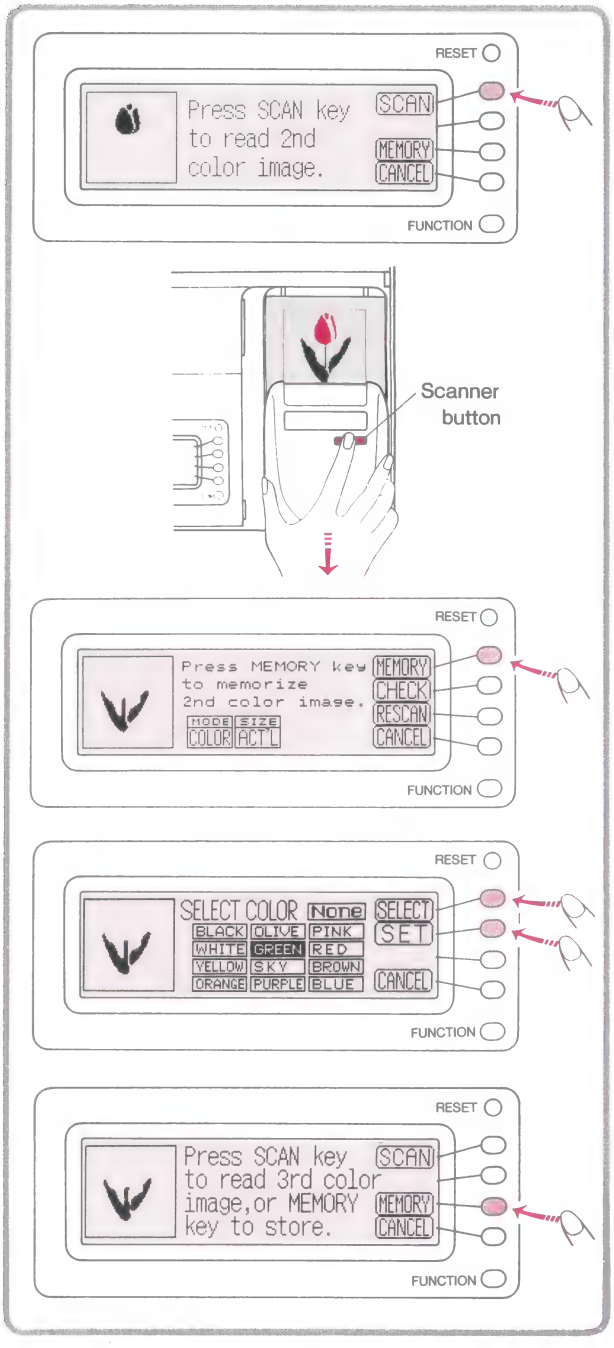
⑤ Press the RETURN key.

⑥ Press the SCAN key.

⑦ Scan the image.
Slowly slide the scanner while pressing the scanner button.
If the image is completely scanned before the electronic beep is heard, press the FINISH key.

⑧ Press the MEMORY key.

⑨ If you don't want to select colors, go to ⑩.
To select color of image memorized press the SELECT key to choose color.
⑩ Press the SET key.



⑪ Place the second design sheet so that the second color image ② can be scanned.

⑫ Press the SCAN key.

⑬ Slide the scanner.

⑭ Press the MEMORY key.

⑮ If you don't wish to select a color, go to ⑯. When selecting the color, press the SELECT key to choose the color.

⑯ Press the SET key.

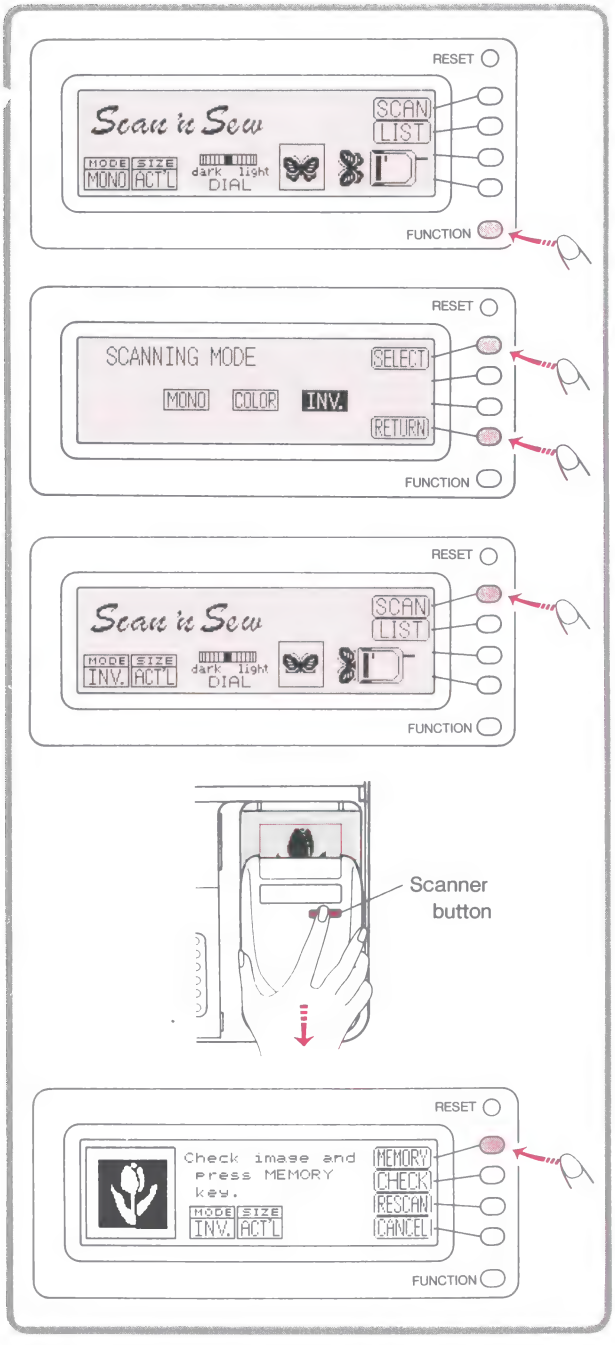
*If you are creating a three- or four-color image, after pressing the SET key, go back to ⑪ and repeat the procedure.

⑰ Press the MEMORY key.

⑱ Turn off the power switch. Remove the card by pressing eject button.

⑲ Now you can start multiple-color embroidery sewing by inserting the card in the Memory Craft 8000.

★ Selecting "Invert" mode (embroidery in which the white and black part of the design sheet is reversed).



① Insert the card and turn on the power switch.

② Press the FUNCTION key.

③ Press the SELECT key until "INV." appears in blue.

④ Press the RETURN key.

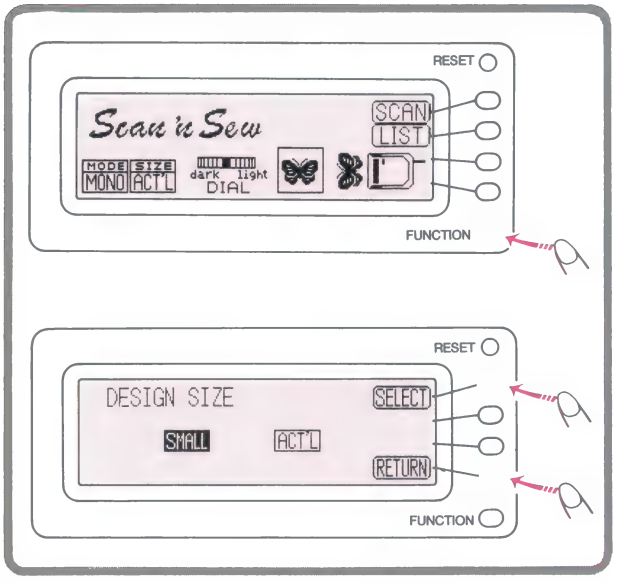
⑤ Press the SCAN key.

⑥ Slide the scanner.

⑦ Press the MEMORY key.

⑧ Turn off the power switch and remove the card by pressing the eject button.
Now you can start inverted-pattern embroidery sewing by inserting the card in the Memory Craft 8000.

★ Selecting the reduced size (reducing the sewing size by 4/5.)



① Press the FUNCTION key twice.

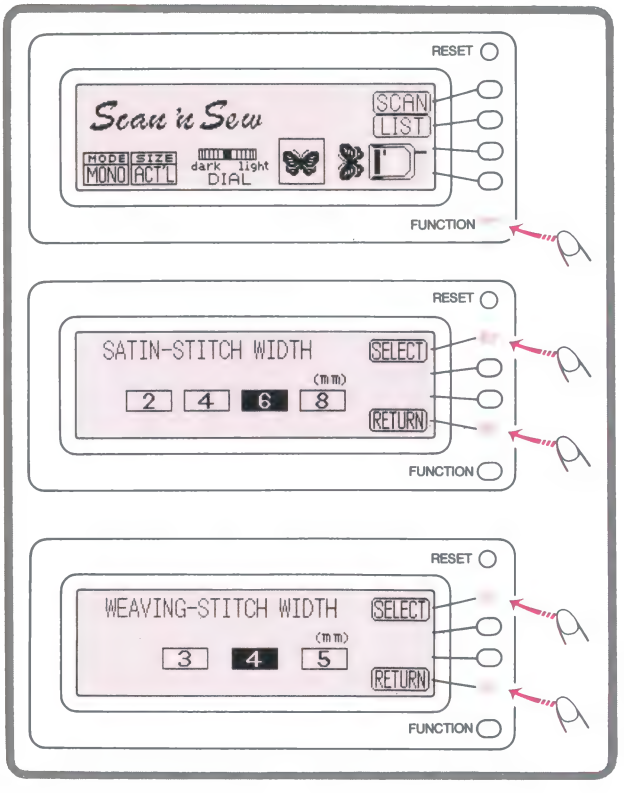
② Press the SELECT key until "SMALL" appears in blue.

③ Press the RETURN key.

- When you want to change back to actual size, use the SELECT key to select "ACTUAL" size.

★ Selecting satin-stitch width and weaving-stitch width

The embroidery design uses a combination of satin-stitch and weaving-stitches.



① Press the FUNCTION key three times to select the width of the satin-stitch. Press the SELECT key to choose the desired width (2, 4, 6, or 8mm).

- When you turn on the power switch, the default setting is 6mm.

② Press the FUNCTION key once more to select the weaving-stitcn width.
Press the SELECT Key to choose the desired width (3, 4, or 5mm).

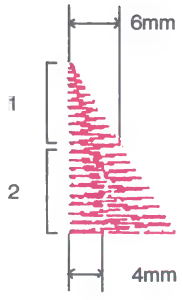
- When you turn on the power switch, the default setting is 4mm.

③ Press the RETURN key.

Hint for determining the satin-stitch width and the weaving-stitch width

- The default settings for the satin-stitch width and weaving-stitch width are 6 and 4, respectively.

The sewing machine will sew parts narrower than the selected satin-stitch width in stage 1.
The parts wider than that will be sewed by a selected weaving-stitch width in stage 2.

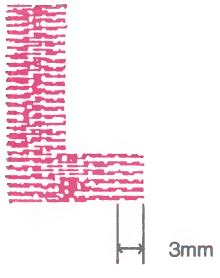


- When the satin-stitch width is set at "8" and the weaving-stitch width is set at "5"

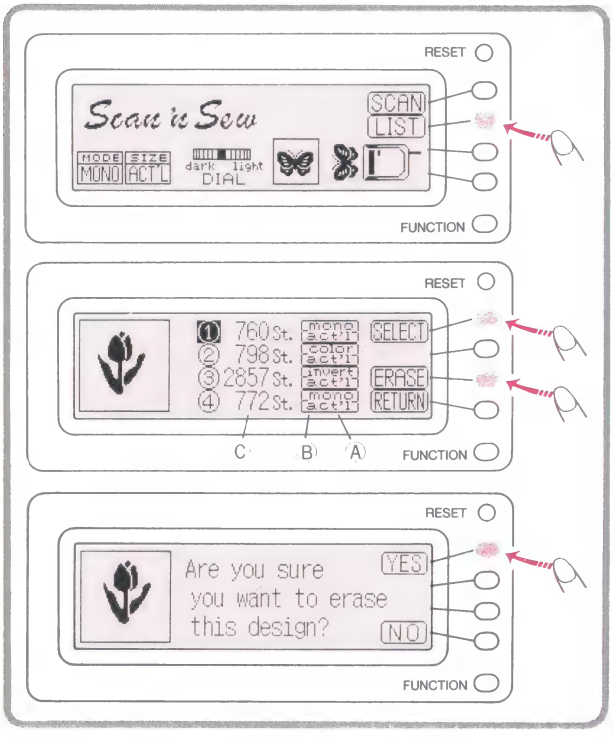
All parts which have less than 8mm width will be sewn in satin-stitch.

- When the satin-stitch width is set at "2" and the weaving-stitch is set at "3"

All parts will be sewn with weaving-stitch.



★ Checking the contents of the card and erasing memorized patterns



① Press the LIST key.
(Displays the contents of memorized patterns in the card)

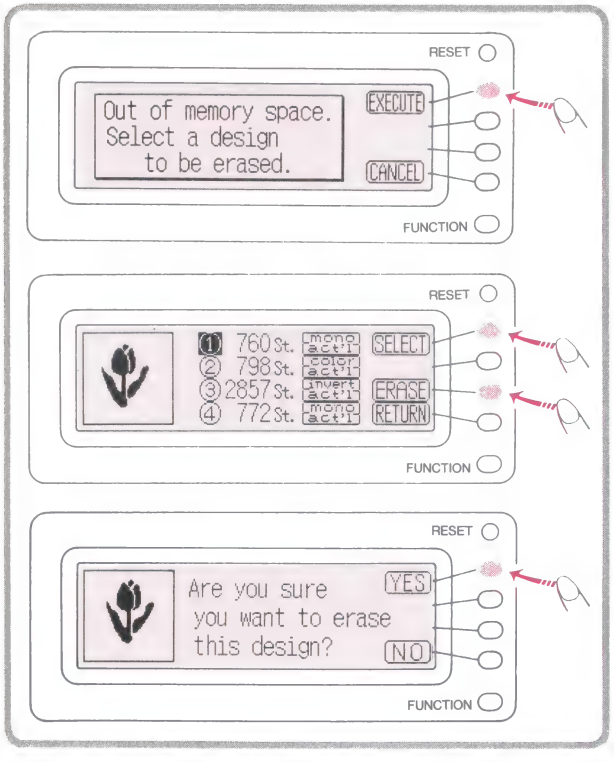
② Check memorized patterns by pressing the SELECT key.
- Ⓐ Displays the size of the pattern
- Ⓑ Displays the scanning mode
- Ⓒ Displays the number of stitches used for the memorized pattern.
- ∗ Press the FUNCTION key to view satin-stitch width and weaving-stitch width.

③ Press the SELECT key and select the pattern you want to erase.

④ Press the ERASE key.

⑤ If you are sure, press the YES key.

★ When the card is full and the patterns can not be memorized



When the card is full and cannot memorize any more patterns, the message on the left appears on the screen.

To erase a pattern in order to create more space on the card.

① Press the EXECUTE key.

② Press the SELECT key and choose a pattern you want to erase.

③ Press the ERASE key.

④ Press the YES key if you want to erase pattern chosen.
The new pattern will be automatically memorized in place of the old pattern.

Making an original image

Using the "Scan'n Sew" you can embroider your own hand-drawn illustrations or favorite sketches from magazines. Have fun drawing original designs.

How to make an original drawing.

- For best results, use a black felt pen. When you want to scan an image from magazine or other printed materials, please note that the image scanner cannot read red, orange or yellowish colors.
- Beautiful embroidery requires a clear drawing. If a dirty or speckled drawing is scanned, the specks will become a part of the embroidery.

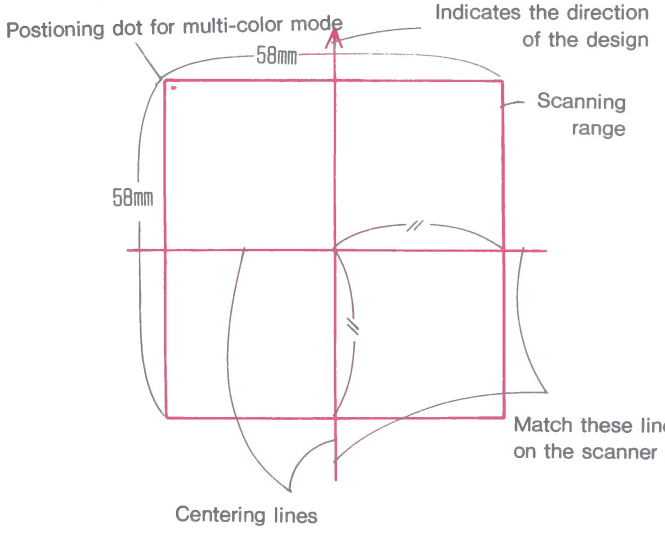
<CAUTION>
It is unlawful to use this scanner to produce items in violation of copyright and trademark laws.

Tools :

- Drawing paper or ordinary white paper (tracing paper, photocopier paper, etc.)
- Black felt-tip pen
- Red ball-point pen

Size of the drawing

The scanning size is 58mm × 58mm.
Please draw your design within this range.

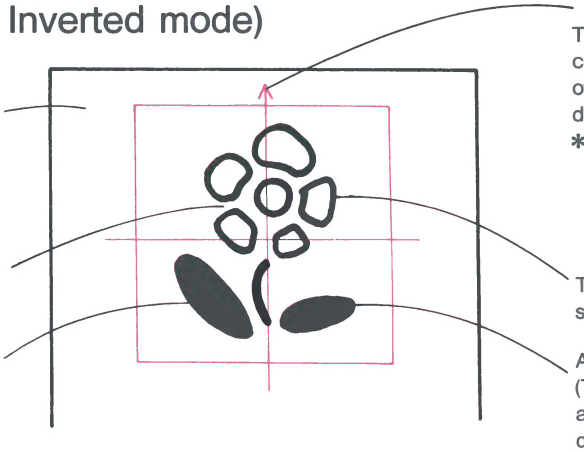

Postioning dot for multi-color mode
Indicates the direction of the design
58mm
Scanning range
58mm
Match these lines with the marks on the scanner guide frame
Centering lines

- The scanning size and standard lines on the enclosed drawing papers are marked in red. If the paper runs out, make your own drawing papers using tracing papers, etc. (See page 6.)
- Draw your design in range shown as above.
- If the drawing paper curls up or gets out of position, becoming difficult to scan, secure it with cellophane tape on the top 2mm of the drawing paper.

★ How to draw a design

- Please draw clearly using a thick black felt-tip pen. The black part will be sewn.
- For your rough draft, use a red ball-point pen or a red pencil. (The red part will not be scanned.)
- Draw lines thicker than 1.5mm.
- Do not leave any gaps where you don't want them.
- The narrowest permissible gap is 1mm (otherwise, it will not be scanned properly.)
- Avoid sharp angles.

<Single color design> (Monochrome or Inverted mode)



Paper (thacing paper or photocopier paper)

The gap should be more than 1mm.

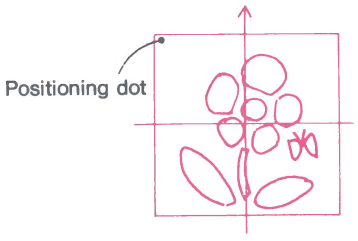
Only the black part will be sewn.
Please draw in thick black, without leaving any openings.

The scanning range and the centering lines (the center of the image) should be drawn in red.
* It is convenient if you trace the standard line and the scanning range using the attached underlay sheet.

The thickness of lines should be more than 1.5mm.

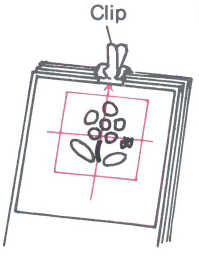
Avoid drawing sharp angles. (Try not to draw lines which are too thin. Remove any dirt or dust.)

<Multiple-color design>(Color mode)



① Make a basic drawing as above.

* Always put a positioning dot in the upper-left corner of your multiple-color designs. Parts which are higher than or left of the dot cannot be read.

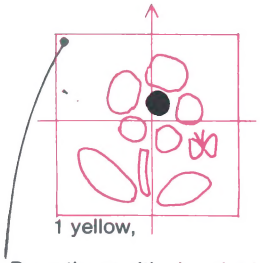


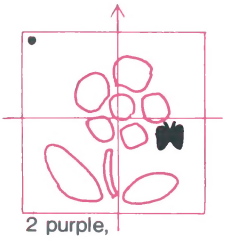
② Place your basic design on top of the drawing papers with red carbon papers underneath.

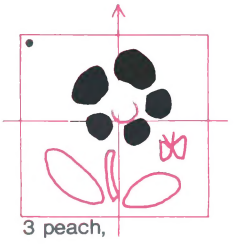
- Use the same number of sheets of red carbon paper as the number of colors you wish to have in your embroidery.

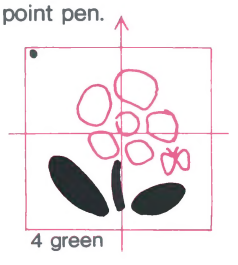
Trace the design using the red ball-point pen.

③ Fill in the area where each color should be using the black felt-tip pen.









Draw the positioning dot in black

* Plese be careful not to put the positioning dot out of position.

④ Start scanning after deciding which drawing you are going to sew first.

- The rear part should be scanned first before the front part on 3D-like design.
- The smaller and thinner color-parts should be scanned first.
- The outline of the design should be scanned last.

Be awave of the following.

1 When the Memory card battery runs down, a message will appear on the display screen.

Please see the back of the card for how to change the battery.

Battery life is 4-5 years.
1 lithium battery

Memory card

* When you change the bettery, the memorized images will be erased.

2 This Memory Card was made exclusively for the "Scan'n Sew".

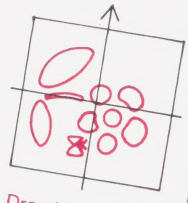
* If you try to use another card, the machine may malfunction.

Memory card

Other cards

3 Embroidery will vary depending on the direction of scanning. Please make a trial sewing first.

Drawing diagonally



Drawing horizontally

4 Auto power-off

In order to save electricity, if the machine is not used for about five minutes it will automatically switch off.

After five minutes, it switches off automatically.

Move the power switch forward until the light comes on.

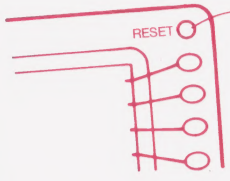
Light comes on.

Light will go out

LED lamp

5 If keys do not work

When the keys do not work or the screen is not functioning properly.

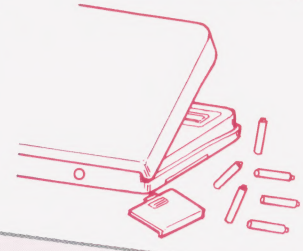


Press the RESET key

The screen will return to the initial display.

6 If RESET key does not work

Remove and insert the batteries or the AC adapter again and turn the switch on.
The screen will return to the initial display.



Warning!!

- Do not spill any liquids on the main unit, the image scanner or the card.
- Don't attempt to take apart and reassemble the main unit as it may cause a malfunction.
- Never insert metal objects such as sewing needles or wires into the main unit, scanner or card.
- Do not expose the device to high temperatures, direct sunlight or heat from a stove.
- Do not place heavy objects on it.
- When necessary wipe the transparent cover of the image scanning slot with a soft cloth.

Memory Craft

Scan 'n Sew

240-820-004 Printed in Japan.